

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

09669/012001

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

10/030,327

INTERNATIONAL APPLICATION NO
PCT/FR00/01137INTERNATIONAL FILING DATE
28 April 2000PRIORITY DATE CLAIMED
29 April 1999

TITLE OF INVENTION

METHOD FOR MANAGING COMMANDS IN SEVERAL APPLICATION FILES AND MICROCHIP CARD FOR
IMPLEMENTING SAID METHOD

APPLICANT(S) FOR DO/EO/US

Stephane GRELLIER

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 20 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☒ Certificate of Mailing by Express Mail
23. ☒ Other items or information:

Notification of Missing Requirements, 2 pages

| | | | | | |
|---|--|--|--|---|--|
| U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 10/030,327 | | INTERNATIONAL APPLICATION NO. PCT/FR00/01137 | | ATTORNEY'S DOCKET NUMBER 09669/012001 | |
|---|--|--|--|---|--|

24. The following fees are submitted: .

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :

☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO **\$1040.00**

☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO **\$890.00**

☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO **\$740.00**

☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) **\$710.00**

☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) **\$100.00**

ENTER APPROPRIATE BASIC FEE AMOUNT =

Surcharge of **\$130.00** for furnishing the oath or declaration later than ☐ 20 ☒ 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
|--|--------------|--------------|-----------|--|----------------------|
| Total claims | - 20 = | 0 | x \$18.00 | | \$0.00 |
| Independent claims | - 3 = | 0 | x \$84.00 | | \$0.00 |
| Multiple Dependent Claims (check if applicable). <input type="checkbox"/> | | | | | \$0.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | | \$130.00 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27). The fees indicated above are reduced by 1/2. | | | | | \$0.00 |
| SUBTOTAL = | | | | | \$130.00 |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). | | | | | \$0.00 |
| TOTAL NATIONAL FEE = | | | | | \$130.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input checked="" type="checkbox"/> | | | | | \$40.00 |
| TOTAL FEES ENCLOSED = | | | | | \$170.00 |
| 05/17/2002 SHAJARRO 00000074 10030327 | | | | | Amount to be: |
| 01 FC:154 130.00 OF | | | | | refunded |
| | | | | | charged |

CALCULATIONS PTO USE ONLY

a. ☒ A check in the amount of **\$170.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **50-0591** A duplicate copy of this sheet is enclosed.

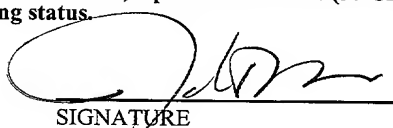
d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

ROSENTHAL & OSHA L.L.P.
1221 McKinney Avenue, Suite 2800
Houston, Texas 77010

Telephone: 713-228-8600
Facsimile: 713-228-8778



SIGNATURE

Jonathan P. Osha

NAME

33,986

REGISTRATION NUMBER

5/13/02

DATE

Correspondence for Patents, Box 971
United States Patent and Trademark Office
Washington, D.C. 20239
www.uspto.gov

OC000000007666570

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Late oath or declaration Surcharge.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DEBORAH D WILLIAMS

Telephone: (703) 305-3744

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO | ATTY DOCKET NO |
|-----------------------------|------------------------------|----------------|
| 10/030,327 | PCT/FR00/01137 | 09669/012001 |

FORM PCT/DO/EO/905 (371 Formalities Notice)

20250123 14:30:00

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Stephane GRELLIER**

Docket No.

09669/012001

Serial No.

10/030,327

Filing Date

October 26, 2001

Examiner

Group Art Unit

Invention: **METHOD FOR MANAGING COMMANDS IN SEVERAL APPLICATION FILES AND MICROCHIP CARD FOR IMPLEMENTING SAID METHOD**

I hereby certify that this **Response to Missing Parts**

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C.

20231-0001 on **May 13, 2002**

(Date)

Tawana L. Garcia

(Typed or Printed Name of Person Mailing Correspondence)

Tawana L. Garcia

(Signature of Person Mailing Correspondence)

EV 057537159US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.



UNITED STATES PATENT AND TRADEMARK OFFICE

Commission for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20235
www.uspto.gov

| | | |
|-----------------------------|-----------------------|----------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY DOCKET NO |
| 10/030,327 | Stephane Grellier | 09669/012001 |

22511
ROSENTHAL & OSHA L.L.P.
1221 MCKINNEY AVENUE
SUITE 2800
HOUSTON, TX 77010

| | |
|------------------------------|---------------|
| INTERNATIONAL APPLICATION NO | |
| PCT/FR00/01137 | |
| IA FILING DATE | PRIORITY DATE |
| 04/28/2000 | 04/29/1999 |

CONFIRMATION NO. 5849

371 FORMALITIES LETTER



OC00000007666570

Date Mailed: 03/19/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Oath or Declaration
- Preliminary Amendments
- Request for Immediate Examination

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months months from the priority date (37 CFR 1.492(e)) is required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

2003 MAR 19 10 51 AM '02

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Late oath or declaration Surcharge.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DEBORAH D WILLIAMS


Telephone: (703) 305-3744

PART 2 - OFFICE COPY

| U.S. APPLICATION NUMBER NO | INTERNATIONAL APPLICATION NO | ATTY DOCKET NO |
|----------------------------|------------------------------|----------------|
| 10/030,327 | PCT/FR00/01137 | 09669/012001 |

FORM PCT/DO/EO/905 (371 Formalities Notice)

10030327 09669 012001

| | | |
|--|--|---|
| FORM P 0-1390 (Modified) (REV 11-1990) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 09669/012001 U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 10/030327 |
| INTERNATIONAL APPLICATION NO. PCT/FR00/01137 | INTERNATIONAL FILING DATE 28 April 2000 | PRIORITY DATE CLAIMED 29 April 1999 |
| TITLE OF INVENTION METHOD FOR MANAGING COMMANDS IN SEVERAL APPLICATION FILES AND MICROCHIP CARD FOR IMPLEMENTING SAID METHOD | | |
| APPLICANT(S) FOR DO/EO/US Stephane GRELLIER | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). <i>(Not Signed)</i> 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). <p>Items 13 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A change of power of attorney and/or address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Certificate of Mailing by Express Mail 23. <input checked="" type="checkbox"/> Other items or information: <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>French Search Report (2 pgs) Form PCT/IB/308</p> </div> <div style="width: 45%; text-align: center;">  22511 <small>PATENT TRADEMARK OFFICE</small> </div> </div> | | |

| | | |
|--|--|---|
| U.S. APPLICATION NO. (IF KNOWN) 10/030327 | INTERNATIONAL APPLICATION NO. PCT/FR00/01137 | ATTORNEY'S DOCKET NUMBER 09669/012001 |
|--|--|---|

24. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :

- ☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO **\$1040.00**
- ☒ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO **\$890.00**
- ☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO **\$740.00**
- ☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) **\$710.00**
- ☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) **\$100.00**

ENTER APPROPRIATE BASIC FEE AMOUNT =**CALCULATIONS PTO USE ONLY****\$890.00**

Surcharge of **\$130.00** for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

\$0.00

| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE |
|--|--------------|--------------|--------------------------|
| Total claims | 22 - 20 = | 2 | x \$18.00 |
| Independent claims | 2 - 3 = | 0 | x \$84.00 |
| Multiple Dependent Claims (check if applicable). | | | <input type="checkbox"/> |

\$0.00**TOTAL OF ABOVE CALCULATIONS =****\$926.00**

☒ Applicant claims small entity status. See 37 CFR 1.27). The fees indicated above are reduced by 1/2.

\$0.00**SUBTOTAL =****\$926.00**

Processing fee of **\$130.00** for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).

\$0.00**TOTAL NATIONAL FEE =****\$926.00**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).

\$0.00**TOTAL FEES ENCLOSED =****\$926.00**

| | |
|---------------------------|----|
| Amount to be: refunded | \$ |
| charged | \$ |

- a. ☒ A check in the amount of **\$926.00** to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **50-0591**. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

45,925

SEND ALL CORRESPONDENCE TO:

ROSENTHAL & OSHA L.L.P.
700 Louisiana, Suite 4550
Houston, Texas 77002

Telephone: (713) 228-8600
Facsimile: (713) 228-8778

SIGNATURE

for: **Jonathan P. Osha**

NAME

33,986

REGISTRATION NUMBER

DATE

10/26/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stéphane GRELEIER Art. Unit :
Serial No. : Examiner :
Filed :
Title : METHOD FOR MANAGING COMMANDS IN SEVERAL APPLICATION
FILES AND MICROCHIP CARD FOR IMPLEMENTING SAID METHOD.

Assistant Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

Dear Sirs:

Before examining the referenced application on the merits, please amend the application as outlined below:

IN THE SPECIFICATION

1. On page 1, line 10, please insert the sub-heading --Field of the Invention-- above the paragraph which begins "The invention concerns..."
2. On page 1, line 13, please insert the sub-heading --Background of the invention-- above the paragraph that begins "There currently exist..."
3. On page 2, line 15, please insert the sub-heading --Summary of the invention-- above the paragraph begins "The object of the invention is..."
4. On page 5, line 6, please insert the sub-heading --Brief Description of the Drawings-- above the paragraph that begins "other characteristics..."
5. On page 5, line 23, please insert the sub-heading --Detailed Description-- above the paragraph that begins "With reference more particularly..."

On page 14, line 3, please insert --What is claimed is:-- after the heading Claims.

IN THE CLAIMS

What is claimed is:

1. (Amended) A method for managing commands in several application files, each command in each application file being associated with an access condition corresponding to said command, each command in each application file being executed if a user has ordered execution of said command and if the access condition corresponding to said command is stored, wherein the access conditions are kept stored jointly for all the application files to which the user has had access.

2. (Amended) The method according to claim 1, comprising:

- Making a search to see, when a user has ordered execution of a command in an application file, if the access condition corresponding to said command is stored,
- Launching the execution of the order if the access condition is stored,
- asking the user to satisfy the access condition if said condition is not stored, and then if the user does satisfy the access condition, storing the access condition and launching the execution of the command.

3. (Amended) The method according to claim 2, wherein with n denoting a whole number greater than or equal to two and the user having satisfied n access conditions, the latest n satisfied access conditions are stored.

4. (Amended) The method according to claim 3, wherein when a new access condition is satisfied by the user and said access condition is not stored, when n access conditions being stored, the oldest satisfied access condition is deleted from the memory and the newly-satisfied access condition is stored.

5. (Amended) The method according to claim 3 or 4, wherein n is equal to the number of access conditions for all the commands of all the application files.

6. (Amended) The method according to claim 3 or 4, wherein n is greater than the number of access conditions for all the commands of all the application files.

7. (Amended) The method according to claim 3 or 4, wherein n is less than the number of access conditions for all the commands of all the application files.

8. (Amended) The method according to claim 1, wherein, when a contact set up to start said command management method is interrupted, all the access conditions are deleted.

9. (Amended) A microchip card adapted to manage commands in several application files, each command in each application file being associated with an access condition corresponding to said command, each command in each application file being executed if a user

has ordered execution of said command and if the access condition corresponding to said command is stored, comprising means to keep stored the access conditions jointly for all the application files to which the user has had access.

10. (Amended) The microchip card according to claim 9, comprising, when a user has ordered execution of a command in an application file,

- means for seeing if the access condition corresponding to said command is stored,
- means for launching execution of the command if the access condition is stored,
- means for asking the user to satisfy the access condition if the access condition is not stored, and
- means for storing the access condition and launching execution of the order if the user satisfies the access condition.

11. (Amended) The microchip card according to claim 10, comprising, with n denoting a whole number greater or equal to two and the user having satisfied n access conditions, means for storing the latest n satisfied access conditions.

12. (Amended) The microchip card according to claim 11, comprising, when a new access condition is satisfied by the user, said access condition not being stored and n access conditions being stored, it means for deleting from the memory the oldest satisfied access condition and for storing the newly-satisfied access condition.

13. (Amended) The microchip card according to claim 11 or 12, in which n is equal to the number of access conditions for all the commands of all the application files.

14. (Amended) The microchip card according to claim 11 or 12 in which n is greater than the number of access conditions for all the commands of all the application files.

15. (Amended) The microchip card according to claim 11 or 12 in which n is less than the number of access conditions for all the commands of all the application files.

16. (Amended) The microchip card according to claim 9, comprising a contact and suitable means for deleting all the access conditions when said contact is interrupted.

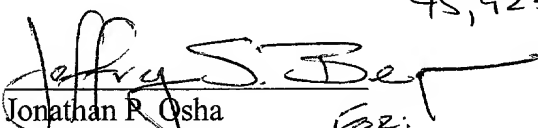
REMARKS

The claims have been amended to remove multiple dependencies and to correct antecedent basis errors. Full examination and favorable action are requested.

Please charge any fees, or make any credits, to Deposit Account No. 50-0591,

Reference No. 09669/012001.

Date: 10/26/01

45,425

Jonathan P. Osha
Reg. No. 33,986
For:

Rosenthal & Osha L.L.P.
700 Louisiana Street, Suite 4550
Houston, TX 77002

Telephone: 713/228-8600
Facsimile: 713/6228-8778

21513_1.DOC

APPENDIX A – MARKED-UP VERSION OF THE CLAIMS

1. Method A method for managing commands in several application files, each command in each application file being associated with an access condition corresponding to said command, each command in each application file being executed if a user has ordered execution of said command and if the access condition corresponding to said command is stored, ~~characterised in that~~ wherein the access conditions are kept stored jointly for all the application files to which the user has had access.

2. Method The method according to claim 1, ~~characterised in that, when a user has ordered execution of a command in an application file :~~ comprising:

- Making a search is made to see, when a user has ordered execution of a command in an application file, if the access condition corresponding to said command is stored,
- Launching the execution of the order if the access condition is stored, ~~then execution of the order is launched,~~
- ~~if said condition is not stored,~~ asking the user is asked to satisfy the access condition if said condition is not stored, and then if the user does satisfy the access condition, storing the access condition ~~is stored~~ and launching the execution of the command ~~is launched.~~

3. Method The method according to claim 2, ~~characterised in that~~ wherein with n denoting a whole number greater than or equal to two and the user having satisfied n access conditions, the latest n satisfied access conditions are stored.

4. Method The method according to claim 3, ~~characterised in that~~ wherein when a new access condition is satisfied by the user and said access condition is not stored, when n access conditions being stored, the oldest satisfied access condition is deleted from the memory and the newly-satisfied access condition is stored.

5. Method The method according to claim 3 or 4, ~~wherein in which~~ n is equal to the number of access conditions for all the commands of all the application files.

6. Method The method according to claim 3 or 4, wherein in which n is greater than the number of access conditions for all the commands of all the application files.

7. Method The method according to claim 3 or 4, wherein ~~in which~~ n is less than the number of access conditions for all the commands of all the application files.

8. Method The method according to ~~any one of claims~~ claim1 to 7, ~~characterised in that~~ wherein when a contact set up to start said command management method is interrupted, all the access conditions are deleted.

9. ~~Microchip~~ A microchip card (8) adapted to manage commands in several application files, each command in each application file being associated with an access condition corresponding to said command, each command in each application file being executed if a user has ordered execution of said command and if the access condition corresponding to said command is stored, ~~characterised in that it comprises~~ comprising means to keep stored the access conditions jointly for all the application files to which the user has had access.

10. ~~Card~~ The microchip card (8) according to claim 9, ~~characterised in that~~ comprising, when a user has ordered execution of a command in an application file, ~~it comprises~~:-

- ~~adapted means to see~~ for seeing if the access condition corresponding to said command is stored,
- ~~adapted means to launch~~ for launching execution of the command if the access condition is stored,
- ~~adapted means to ask~~ for asking the user to satisfy the access condition if the access condition is not stored, and
- ~~adapted means to store~~ for storing the access condition and ~~launch~~ launching execution of the order if the user satisfies the access condition.

11. ~~Card~~ The microchip card (8) according to claim 10, ~~characterised in that~~ comprising with n denoting a whole number greater or equal to two and the user having satisfied n access conditions, ~~it comprises~~ ~~adapted means to store~~ for storing the latest n satisfied access conditions.

12. ~~Card~~ The microchip card (8) according to claim 11, ~~characterised in that~~ comprising when a new access condition is satisfied by the user, said access condition not being stored and n access conditions being stored, ~~it comprises~~ ~~suitable means for deleting from the memory the oldest satisfied access condition and for storing the newly-satisfied access condition.~~

13. ~~Card~~ The microchip card (8) according to claim 11 or 12 in which n is equal to the number of access conditions for all the commands of all the application files.

14. ~~Card~~ The microchip card (8) according to claim 11 or 12 in which n is greater than the number of access conditions for all the commands of all the application files.

15. ~~Card~~ The microchip card (8) according to claim 11 or 12 in which n is less than the number of access conditions for all the commands of all the application files.

16. ~~Card~~ The microchip card (8) according to ~~any one of the preceding claims~~ claim 9, ~~characterised in that it comprises~~ comprising a contact and suitable means for deleting all the access conditions when said contact is interrupted.

31 PRTS

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Method for managing commands in several application files and microchip card for implementing said method

10 The invention concerns a method for managing commands in several application files and a microchip card adapted to manage commands in several application files.

There currently exist command managing method adapted to manage commands in several application files.
15 These methods are for example adapted to manage commands, such as creating or opening or deleting a sub-file in a first file concerning a first application, or those creating or opening or deleting a sub-file of a second file concerning a second application. The means implementing
20 these methods are called "operating systems".

A user who wishes to order execution of this operation needs to satisfy the access condition associated with the command in the application file.

In certain application files, these access
25 conditions have been standardised. Thus, there is for example the standard EN 726-3 for command management methods in microchip cards. This standard mentions for example an access condition marked "ALW" for which the user does not need to satisfy any condition : thus an operation in an
30 application, file associated with the access condition "ALW" shall still be executed if the user orders this. This standard also mentions an access condition marked "NEV" : if

10030327.051303

the user orders the execution of an operation in an application file associated with the access condition "NEV", this operation shall not be executed. Apart from other things, this standard also mentions access conditions marked "CHV1" and "CHV2".

The command management methods in several known application files does not make it possible to jointly manage commands for different application files. Thus, when an operator has commands executed in a first application file, when he moves to a second application file to have commands executed and when he returns to the first application file, he again needs to satisfy the access conditions so as to execute in the first application file commands similar to those he initially had executed.

The object of the invention is to provide a method for managing commands in several application files able to be easily implemented with full security at a reduced cost enabling this problem to be resolved.

More specifically, the invention concerns a method for managing commands in several application files, an access condition corresponding to a command being associated with each command in each application file, each command in each application file being executed if a user has ordered execution of said command and if the access condition corresponding to said command is stored, said method being characterised in that the access conditions are jointly stored for all the application files to which the user has had access.

A user having ordered the execution of a command in an application file preferably:

- seeks to see if the access condition corresponding to said command is stored,

• if the access condition is stored, execution of the command is then launched,

• if not, the user is asked to satisfy the access condition and then, if the user satisfies the access condition, the access condition is stored and execution of the command is launched.

Advantageously, with n denoting a upper whole number or equal to two and the user having satisfied n access conditions, the latest n satisfied access conditions are stored.

Preferably, when a new access condition is satisfied by the user, said access condition not being stored and n access conditions being stored, the memory of the oldest satisfied access condition is deleted and the newly satisfied access condition is stored.

According to a first implementation of the method, n is equal to the number of access conditions for all the commands of all the application files.

According to a second implementation of the method, n is greater than the number of access conditions for all the commands of all the application files.

According to a third implementation of the method, n is less than the number of access conditions for all the commands of all the application files.

Advantageously, once a contact is established to start said command management method is interrupted, all the access conditions are deleted.

The invention also concerns a microchip card adapted to manage commands in several application files, an access condition corresponding to a command being associated with each said command in each application file, each command in each application file being executed if a user has ordered

execution of said order and if the access condition corresponding to said order is stored, said card being characterised in that it comprises means to jointly retain in a memory the access conditions for all the application files to which the user has had access.

When a user has ordered execution of a command in an application file, it preferably comprises :

- adapted means to see if the access condition corresponding to said command is stored,

- adapted means to launch execution of the command if the access condition is stored,

- adapted means to ask the user to satisfy the access condition if the access condition is not stored, and

- adapted means to store the access condition and launch execution of the command if the user satisfies the access condition.

With n denoting a whole number greater than or equal to two and the user having satisfied n access conditions, it advantageously comprises adapted means to keep in the memory the n latest satisfied access conditions.

When a new access condition is satisfied by the user and said access condition is not stored and n access conditions are stored, it preferably comprises adapted means to delete from the memory the oldest access condition and to store the newly-satisfied access condition.

According to a first embodiment, n is equal to the number of access conditions for all the commands of all the application files.

According to a second embodiment, n is greater than the number of access conditions for all the commands of all the application files.

According to a third embodiment, n is less than the

number of access conditions for all the commands of all the application files.

Advantageously, the card comprises a contact and means adapted to delete all the access conditions when the contact is interrupted.

Other characteristics and advantages of the invention shall appear more readily upon reading of the description of the following embodiment given by way of non-restrictive example with reference to the accompanying five figures on which :

Figure 1 represents a storage table relating to a memory space in the live memory of the microchip card adapted to manage commands in several application files, the table being shown in the initial storage state,

Figures 2 to 5 are similar to figure 1 for various storage states,

Figure 6 represents the card and its operating environment,

Figure 7 represents the logic organisation of the card, and

Figure 8 represents a logic flowchart of the stages of the method of the invention.

With reference more particularly to figure 7, this shows the logic organisation of a microchip card 8 adapted to manage commands in several application files.

The card 8 includes means to implement the command management method, said means being denoted "OS" and bearing the reference 3.

Figure 8 includes two application files also called directories

The first application file is called "bank account" and bears the reference 40. This application file is provided to

enable a user to manage data relating to his bank account.

In the "bank account" file, the user can order execution of a command called "balance" bearing the reference 41, a command called "debit" bearing the reference
5 42, and a command called "transfer to stock exchange account" bearing the reference 43.

The command "balance" contains instructions enabling the user to know the balance of his bank account.

The command "debit" contains instructions enabling the
10 user to order a debit movement of his bank account.

The command "transfer to the stock exchange account" enables the user to order transfer a certain sum from the bank account to a stock exchange account.

The second application file is called "stock exchange"
15 and bears the reference 50. This application file is provided to enable the user to manage data relating to his stock exchange portfolio.

In the "stock exchange" file, the user can order execution of a command called "stock exchange balance" bearing the reference 51, a command called "stock exchange
20 balance" bearing the reference 52, a command called "shares" bearing the reference 53, a command called "purchase order" bearing the reference 54, a command called "sales order" bearing the reference 55 and a command called "transfer to
25 bank account" bearing the reference 56.

The command "stock exchange account balance" contains instructions enabling the user to know the balance of the stock exchange account provided to supply and receive the amount corresponding to the purchase and sales of stock
30 exchange stocks and shares.

The command "share exchange balance" contains instructions enabling the user to know the overall value of

10030327 054302

the stock exchange shares he has.

The command "shares" contains instructions enabling the user to know the stock exchange stocks and shares the use has.

5 The command "purchase order" enables the user to give the instruction to buy stock exchange shares.

The command "sale order" enables the user to give the instruction to sell stock exchange shares.

10 The command "transfer to bank account" enables the user to give the instruction to transfer a certain amount from the stock exchange account to the bank account.

15 So as to be able to carry out the commands "balance", "stock exchange account balance", "stock exchange balance" or "shares", the user must firstly satisfy the access conditions marked "CHV1".

So as to be able to carry out the commands "debit", "transfer to the stock exchange account", "purchase order", "sales order" or "transfer to the bank account, the user must firstly satisfy the access conditions marked "CHV2".

20 The card 8 comprises means represented by a table so as to retain in the memory the access conditions jointly for all the application files.

25 The table comprises two columns and four lines. The number of lines is the number of access conditions for all the commands of all the application files : the card in fact includes two application files and each of them comprises two access conditions for all its commands.

30 When an access condition in an application file is stored, the address of the application features on a line of the first column and said condition appears on the same line of the second column. Conversely, when an access condition in an application file is not stored, the address of the

10030327 051302

application file does not appear in any line of the first column.

With reference more particularly to figure 6, this shows the card 8 adapted so as to be inserted in a reader
5 12. The reader 12 is connected to a computer 10 connected to a keyboard 14, a screen 16 and a money distributor 18. The computer 10 is connected to a central computer 20 adapted to store the requested operations.

With reference now to figure 8, this figure shows the
10 stages of the method for managing commands in several application files.

In the initial situation marked 80, the user has ordered execution of a command in an application file.

During a first stage marked 81, a search is made to see
15 if the access condition corresponding to said command is stored.

If the access condition is stored, then during a stage marked 82, execution of the command is launched.

If the access condition is not stored, then during a
20 stage marked 83 the user is asked to satisfy the access condition.

Then, if the user satisfies the access condition, during a stage marked 84, the access condition is stored and execution of the command is launched.

25 There now follows an example of use of the card.

The user inserts the card 8 in the reader 12. At this stage, the table is initialised by the "OS" and the table thus contains no data (figure 1).

The user wishes to know the balance of his bank
30 account. To know this, the user orders execution of the command "balance" in the file "bank account".

The "OS" looks to see if the access condition

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corresponding to the command "balance" is stored, in this case the "OS" looking to see if the condition "CHV1" of the application file "bank account" is stored in the table. As this is not the case because the table is empty, the "OS" asks the user to satisfy the access condition "CHV1". The user enters a confidential code on the keyboard and the user thus satisfies to access condition "CHV1". The "OS" stores the access conditions in the table (figure 2) and launches execution of the command "balance", the balance of the bank account of the user then appearing on the screen.

The user wishes to then make a debit from his bank account. In order to do this, the user orders execution of the command "debit" in the "bank account" file.

The "OS" looks to see if the access condition corresponding to the command "debit" is stored, in this case the "OS" seeking to see if the condition "CHV2" of the "bank account" application file is stored in the table. As this is not the case (figure 2), the "OS" asks the user to satisfy the access condition "CHV2". The user enters a confidential code on the keyboard and the user thus satisfies the access condition "CHV2". The "OS" stores the access condition in the table (figure 3) and launches execution of the command "debit". The distributor provides the user with the sum requested.

The user then wishes to know the balance of his bank account and check that his bank account has been properly stored. In order to do this, the user orders execution of the command "balance" in the "bank account" file.

The "OS" looks to see if the access condition corresponding to the command "balance" is stored, in this case the "OS" looking to see if the condition "CHV1" of the "bank account application file is stored in the table : as

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this is stored (figure 3), the "OS" launches execution of the command "balance". The balance of the bank account of the user appears on the screen and clearly shows the new balance, that is the amount indicated at the time of the first command of the "balance operation reduced by the debited sum at the time of the "debit" operation.

The user wishes to know the balance of his stock exchange account. Here, the user orders execution of the command "stock exchange account balance" in the file "stock exchange".

The "OS" looks to see if the access condition corresponding to the command "stock exchange account balance" is stored, in this case the "OS" looking to see if the condition "CHV1" of the "stock exchange" application is stored in the table : as this is not the case (figure 3), the "OS" asks the user to satisfy the access condition "CHV1". The user enters a confidential code on the keyboard and the user then satisfies the access condition "CHV1". The "OS" stores the access condition in the table (figure 4) and launches execution of the command "stock exchange account balance", the balance of the stock exchange account of the user appearing on the screen.

The user now wishes to know the stock exchange shares he has in his portfolio. Here, the user orders execution of the command "stocks" in the "stock exchange file."

The "OS" looks to see if the access condition corresponding to the command "stocks" is stored, in this case the "OS" looking to see if the condition "CHV1" of the "stock exchange" application file is stored in the table : since it is (figure 4), the "OS" launches execution of the command "shares" and the stock exchange shares held by the user appear on the screen.

10030327 051302

The user now wishes to sell certain stock exchange shares. Here, the user orders execution of the command "sale order" in the "stock exchange" file.

5 The "OS" looks to see if the access condition corresponding to the command "stock exchange account balance" is stored and in this cases the "OS" looks to see if the condition "CHV2" is the "stock exchange" application file is stored in the table. Since this is not the case (figure 4), the "OS" asks the user to satisfy the access condition 10 condition "CHV2". The user enters a confidential code on the keyboard and the user thus satisfies the access condition "CHV2". The "OS" stores the access condition in the table (figure 5) and launches execution of the command "sale order" and the "OS" thus passes the order of the shares sold 15 by the user.

The user then wishes to know the balance of his stock exchange account and check that his stock exchange account has been credited with the amount of the shares sold. Here the user orders execution of the command "stock exchange 20 account balance" in the "stock exchange" file.

The "OS" looks to see if the access condition corresponding to the command "stock exchange account balance" is stored and here the "OS" looks to see if the condition "CHV1" of the "stock exchange" application file is 25 stored in the table. Since this is the case (figure 5), the "OS" launches execution of the command "stock exchange account balance". The balance of the stock exchange account of the user appears on the screen and indicates the new balance, that is the amount indicated at the time of the first command of the "stock exchange account balance" 30 operation increased by the sum freed on selling of the stock exchange shares.

The user wishes to transfer a sum from his stock exchange account onto his bank account. Here, he orders execution of the command "transfer to bank account" in the "stock exchange" file.

5 The "OS" looks to see if the access condition corresponding to the command "transfer to bank account" is stored, the "OS" here looking to see if the condition "CHV2" of the "stock exchange" application file is stored in the table. Since it is (figure 5), the "OS" launches execution
10 of the command "transfer to bank account".

The user then wishes to know the balance of his bank account and check that his bank account has been credited. Here the user orders execution of the command "balance" in the "bank account file."

15 The "OS" looks to see if the access condition corresponding to the command "balance" is stored, namely that the condition "CHV1" of the "bank account" application file is stored in the table. This being the case (figure 5), the "OS" launches execution of the command "credit". The
20 balance of the bank account of the user appears on the screen and indicates the new balance, that is the amount indicated at the time of the second command of the "balance" operation increased by the sum transferred at the time of the "transfer to bank account" operation.

25 The user then wishes to know the balance of his stock exchange account and check that this account has been debited. Here the user orders execution of the command "stock exchange account balance" in the "stock exchange" file.

30 The "OS" looks to see if the access condition corresponding to the command "stock exchange account balance" is stored, namely the condition "CHV1" of the

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"stock exchange" application file in the table. This being the case (figure 5), the "OS" launches execution of the command "stock exchange account balance" and this balance of the user then appears on the screen and indicates the new balance, that is the amount indicated at the time of the first command of the "stock exchange account balance" operation reduced by the sum transferred at the time of the "transfer to bank account" operation.

The user decides to stop ordering commands and closes the card session he has carried out causing the table to be initialised, that is for all the data is going to be deleted. Then the user removes the card from the reader.

For reasons of security, if during use of the card the latter is removed from the reader, the data of the table is automatically deleted.

Finally, the user has at the most to enter his password a number of times equal to the number of distinct access conditions which may be less than the number of files, even if he has accessed at separate occasions several times to a given file. Thus, the number of enterings of the password by the user is limited.

Of course, the present invention is not restricted to the embodiment described and shown above which has been given solely by way of example. In particular, it includes all the means constituting equivalent techniques of the means described and their combinations if these are executed according to the ways and means of the invention.

CLAIMS

1. Method for managing commands in several application files, each command in each application file being associated with an access condition corresponding to said command, each command in each application file being executed if a user has ordered execution of said command and if the access condition corresponding to said command is stored, characterised in that the access conditions are kept stored jointly for all the application files to which the user has had access.

2. Method according to claim 1, characterised in that, when a user has ordered execution of a command in an application file :

- a search is made to see if the access condition corresponding to said command is stored,
- if the access condition is stored, then execution of the order is launched,
- if said condition is not stored, the user is asked to satisfy the access condition and then if the user does satisfy the access condition, the access condition is stored and execution of the command is launched.

3. Method according to claim 2, characterised in that with n denoting a whole number greater than or equal to two and the user having satisfied n access conditions, the latest n satisfied access conditions are stored.

4. Method according to claim 3, characterised in that when a new access condition is satisfied by the user and said access condition is not stored, when n access conditions being stored, the oldest satisfied access condition is deleted from the memory and the newly-satisfied access condition is stored.

5. Method according to claim 3 or 4 in which n is equal to the number of access conditions for all the commands of all the application files.

6. Method according to claim 3 or 4 in which n is greater than the number of access conditions for all the commands of all the application files.

7. Method according to claim 3 or 4 in which n is less than the number of access conditions for all the commands of all the application files.

8. Method according to any one of claims 1 to 7, characterised in that when a contact set up to start said command management method is interrupted, all the access conditions are deleted.

9. Microchip card (8) adapted to manage commands in several application files, each command in each application file being associated with an access condition corresponding to said command, each command in each application file being executed if a user has ordered execution of said command and if the access condition corresponding to said command is stored, characterised in that it comprises means to keep stored the access conditions jointly for all the application files to which the user has had access.

10. Card (8) according to claim 9, characterised in that when a user has ordered execution of a command in an application file, it comprises :

- adapted means to see if the access condition corresponding to said command is stored,
- adapted means to launch execution of the command if the access condition is stored,
- adapted means to ask the user to satisfy the access condition if the access condition is not stored, and
- adapted means to store the access condition and

launch execution of the order if the user satisfies the access condition.

5 11. Card (8) according to claim 10, characterised in that with n denoting a whole number greater or equal to two and the user having satisfied n access conditions, it comprises adapted means to store the latest n satisfied access conditions.

10 12. Card (8) according to claim 11, characterised in that when a new access condition is satisfied by the user, said access condition not being stored and n access conditions being stored, it comprises suitable means for deleting from the memory the oldest satisfied access condition and for storing the newly-satisfied access condition.

15 13. Card (8) according to claim 11 or 12 in which n is equal to the number of access conditions for all the commands of all the application files.

20 14. Card (8) according to claim 11 or 12 in which n is greater than the number of access conditions for all the commands of all the application files.

15 15. Card (8) according to claim 11 or 12 in which n is less than the number of access conditions for all the commands of all the application files.

25 16. Card (8) according to any one of the preceding claims, characterised in that it comprises a contact and suitable means for deleting all the access conditions when said contact is interrupted.



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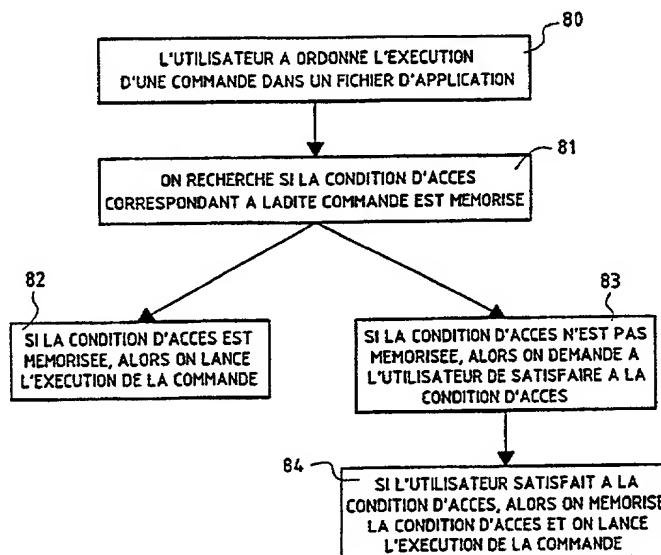
(54) Titre: PROCEDE DE GESTION DE COMMANDES DANS PLUSIEURS FICHIERS D'APPLICATION ET CARTE A PUCE POUR LA MISE EN OEUVRE DU PROCEDE

(57) Abstract

The invention relates to a method for controlling commands in several application files, whereby an access condition corresponding to said command is associated with each command in each application file, each command in each application file is executed if a user orders the execution thereof and if the access condition corresponding to said command is stored. According to the invention, the access conditions are stored jointly for all application files.

(57) Abrégé

L'invention concerne un procédé de gestion de commandes dans plusieurs fichiers d'application, à chaque commande dans chaque fichier d'application étant associée une condition d'accès correspondant à ladite commande, chaque commande dans chaque fichier d'application étant exécutée si un utilisateur a ordonné l'exécution de ladite commande et si la condition d'accès correspondant à ladite commande est mémorisée. Selon l'invention, on garde mémorisées les conditions d'accès conjointement pour tous les fichiers d'application.



80. THE USER ORDERED THE EXECUTION OF A COMMAND IN AN APPLICATION FILE

81. SEARCH IF THE ACCESS CONDITION CORRESPONDING TO SAID COMMAND IS STORED

82. EXECUTION OF THE COMMAND IS LAUNCHED IF THE ACCESS CONDITION IS STORED

83. THE USER IS REQUESTED TO MEET THE ACCESS CONDITION IF THE ACCESS CONDITION IS NOT STORED

84. THE ACCESS CONDITION IS STORED AND THE EXECUTION OF THE COMMAND IS LAUNCHED IF THE USER MEETS THE ACCESS CONDITION

| | |
|--|--|
| | |
| | |
| | |
| | |

FIG.1

| | |
|--------------------|------------|
| << BANK ACCOUNT >> | << CHV1 >> |
| | |
| | |
| | |

FIG.2

| | |
|--------------------|------------|
| << BANK ACCOUNT >> | << CHV2 >> |
| << BANK ACCOUNT >> | << CHV1 >> |
| | |
| | |

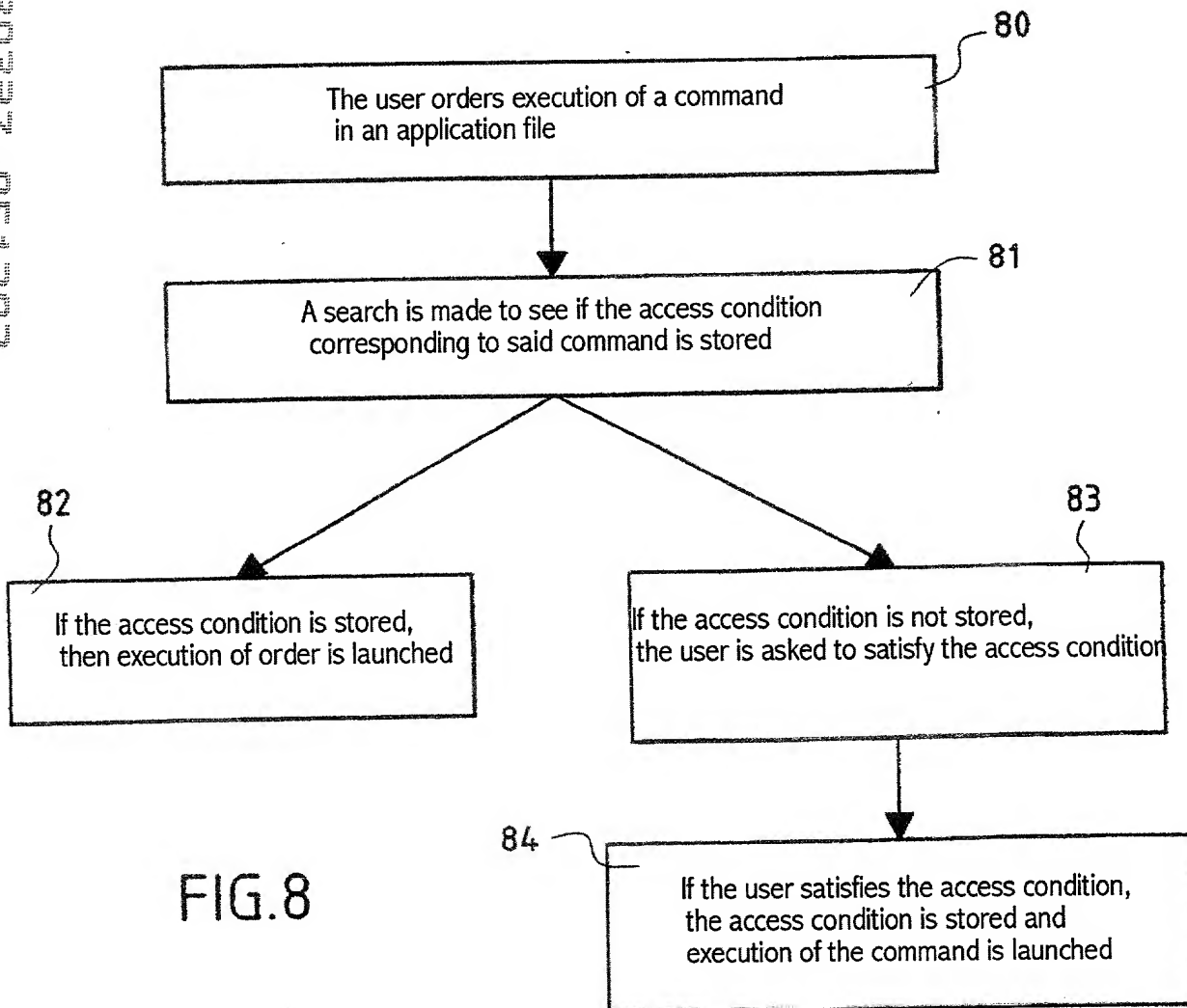
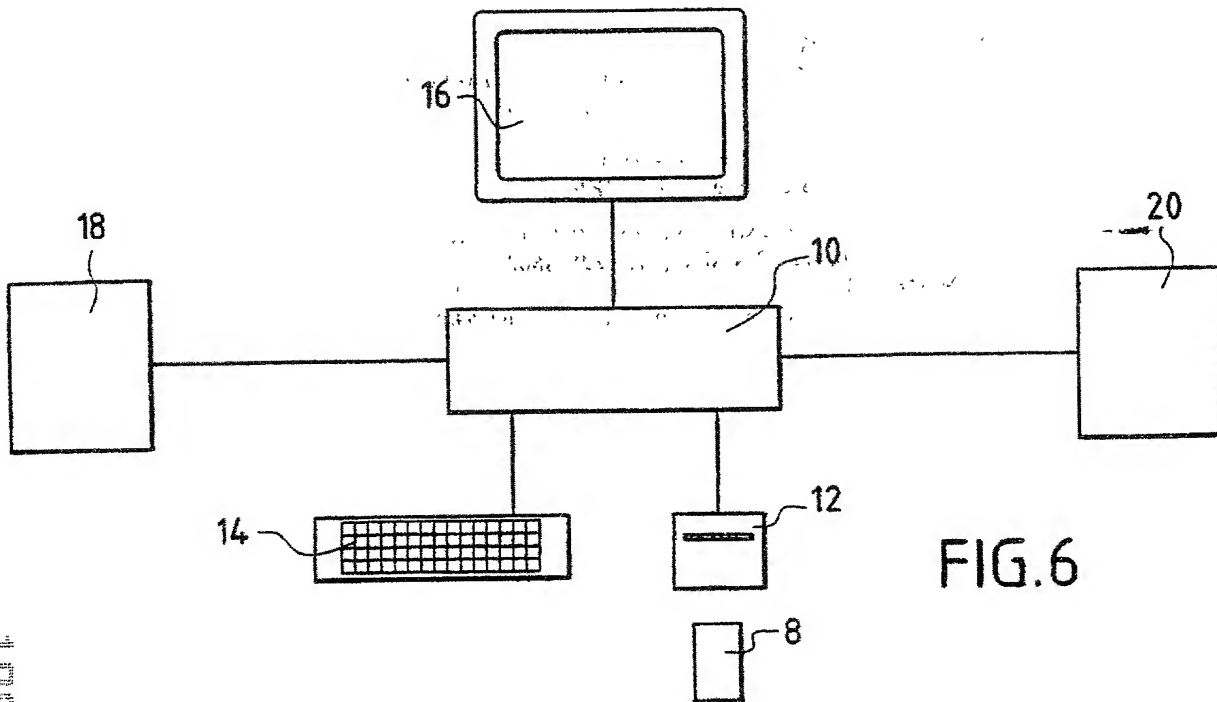
FIG.3

| | |
|--------------------|------------|
| STOCK EXCHANGE | << CHV1 >> |
| << BANK ACCOUNT >> | << CHV2 >> |
| << BANK ACCOUNT >> | << CHV1 >> |
| | |

FIG.4

| | |
|--------------------|------------|
| STOCK EXCHANGE | << CHV2 >> |
| STOCK EXCHANGE | << CHV1 >> |
| << BANK ACCOUNT >> | << CHV2 >> |
| << BANK ACCOUNT >> | << CHV1 >> |

FIG.5



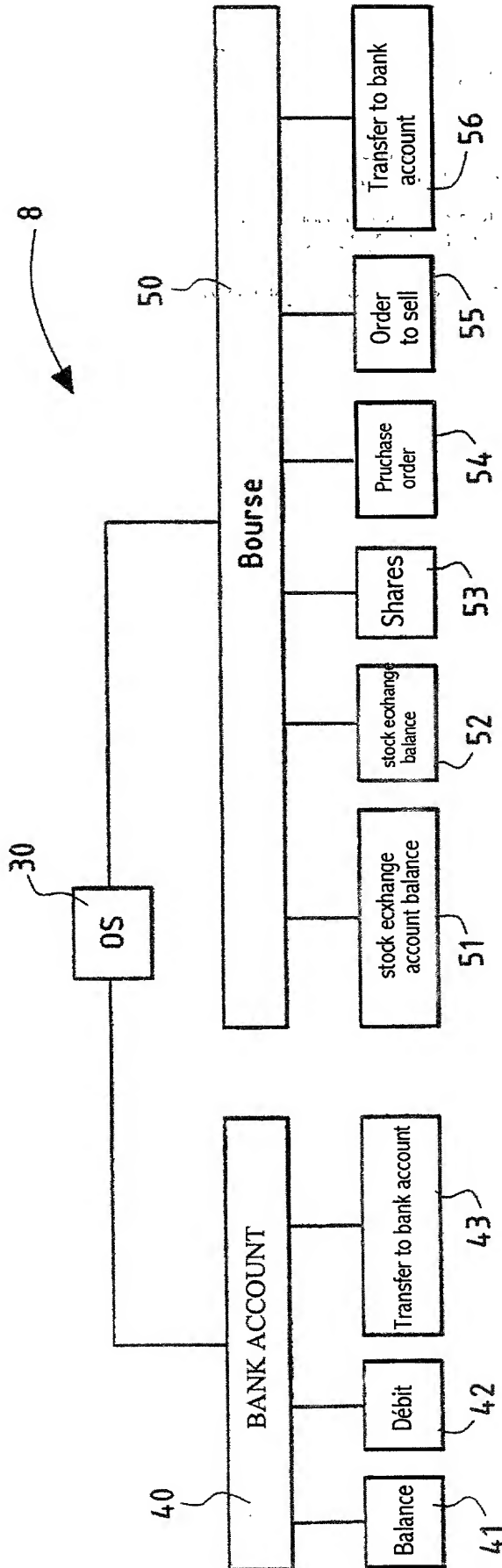


FIG.7

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APPLICATION
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**TITLE: METHOD FOR MANAGING COMMANDS IN SEVERAL
APPLICATION FILES AND MICROCHIP CARD FOR
IMPLEMENTING SAID METHOD**

APPLICANTS: Stéphane GRELLIER

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Examiner

Group Art Unit

Invention: **METHOD FOR MANAGING COMMANDS IN SEVERAL APPLICATION FILES AND MICROCHIP CARD FOR IMPLEMENTING SAID METHOD**

I hereby certify that this Assignment

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under

37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C.

20231-0001 on May 13, 2002

(Date)

Tawana L. Garcia

(Typed or Printed Name of Person Mailing Correspondence)

Tawana L. Garcia

(Signature of Person Mailing Correspondence)

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10/030327 13 MAY 2002

PTO/SB/01 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☐ Declaration Submitted with Initial Filing **OR** ☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number

09669/012001

First Named Inventor

Stéphane GRELLIER

COMPLETE IF KNOWN

Application Number

10 / 030,327

Filing Date

October 26, 2001

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD FOR MANAGING COMMANDS IN SEVERAL APPLICATION FILES AND MICROCHIP CARD FOR IMPLEMENTING SAID METHOD.

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

10/ 26/ 2001

as United States Application Number or PCT International

Application Number

10/030,327

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? | |
|-------------------------------------|---------|----------------------------------|--------------------------|--------------------------|-------------------------------------|
| | | | | YES | NO |
| 99/05444 | France | 04/ 29/ 1999 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

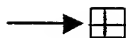
☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

10030327 051302

Please type a plus sign (+) inside this box



PTO/SB/81 (02-01)

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

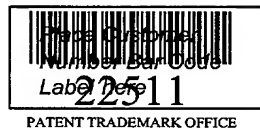
| | |
|------------------------|-------------------------|
| Application Number | 10/030,327 |
| Filing Date | October 26, 2001 |
| First Named Inventor | Stéphane GRELLIER |
| Title | Method for managing ... |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 09669/012001 |

I hereby appoint:

☒ Practitioners at Customer Number

OR

☐ Practitioner(s) named below:



| Name | Registration Number |
|------|---------------------|
| | |
| | |
| | |
| | |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number

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Number Bar Code
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☐ Firm or
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

| | |
|-----------|-------------------|
| Name | Stéphane GRELLIER |
| Signature | |
| Date | 10/6/02 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: ☒ Customer Number or Bar Code Label  OR ☐ Correspondence address below

22511

PATENT TRADEMARK OFFICE

Name

Address

City

State

ZIP

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR :

☐ A petition has been filed for this unsigned inventor

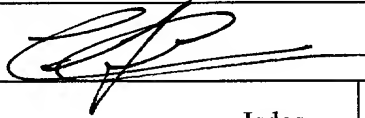
Given Name
(first and middle [if any])

Stéphane

Family Name
or Surname

GRELLIER

Inventor's
Signature



Date

10/4/02

Residence: City

Isdes

State

France
Country

Citizenship

French

Mailing Address

50, Avenue Jean Jaurès – B.P. 620-12

FRX

City

Montrouge Cedex

State

92542
ZIP

Country

France

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any])

Family Name
or Surname

Inventor's
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

City

State

ZIP

Country

☐ Additional inventors are being named on the ____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Declaration and Power of Attorney for Patent Application**Déclaration et Pouvoirs pour Demande de Brevet****French Language Declaration****22511**

PATENT TRADEMARK OFFICE

En tant que l'inventeur nommé ci-après, je déclare par le présent acte que:

As a below named inventor, I hereby declare that:

Mon domicile, mon adresse postale et ma nationalité sont ceux figurant ci-dessous à côté de mon nom.

My residence, post office address and citizenship are as stated next to my name.

Je crois être le premier inventeur original et unique (si un seul nom est mentionné ci-dessous), ou l'un des premiers co-inventeurs originaux (si plusieurs noms sont mentionnés ci-dessous) de l'objet revendiqué, pour lequel une demande de brevet a été déposée concernant l'invention intitulée

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD FOR MANAGING COMMANDS IN SEVERAL APPLICATION FILES AND MICROCHIP CARD FOR IMPLEMENTING SAID METHOD

et dont la description est fournie ci-joint à moins que la case suivante n'ait été cochée:

the specification of which is attached hereto unless the following box is checked:

☐ a été déposée le _____ sous le numéro de demande des Etats-Unis ou le numéro de demande international PCT

_____ et modifiée le _____ (le cas échéant).

☐ was filed on _____ as United States Application Number or PCT International Application _____ and was amended on _____ (if applicable).

Je déclare par le présent acte avoir passé en revue et compris le contenu de la description ci-dessus, revendications comprises, telles que modifiées par toute modification dont il aura été fait référence ci-dessus.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

Je reconnais devoir divulguer toute information pertinente à la brevetabilité, comme défini dans le Titre 37, § 1.56 du Code fédéral des réglementations.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

French Language Declaration

Je revendique par le présent acte avoir la priorité étrangère, en vertu du Titre 35, § 119(a)-(d) ou § 365(b) du Code des Etats-Unis, sur toute demande étrangère de brevet ou certificat d'inventeur ou, en vertu du Titre 35, § 365(a) du même Code, sur toute demande internationale PCT désignant au moins un pays autre que les Etats-Unis et figurant ci-dessous et, en cochant la case, j'ai aussi indiqué ci-dessous toute demande étrangère de brevet, tout certificat d'inventeur ou toute demande internationale PCT ayant une date de dépôt précédant celle de la demande à propos de laquelle une priorité est revendiquée.

Prior foreign application(s)
Demande(s) de brevet antérieure(s)

Priority Not Claimed
Droit de priorité revendiqué

| | |
|-----------------------|---------------|
| <u>PCT/FR00/01137</u> | <u>PCT</u> |
| (Number) | (Country) |
| (Numéro) | (Pays) |
| <u>99/05444</u> | <u>France</u> |
| (Number) | (Country) |
| (Numéro) | (Pays) |

I hereby claim foreign priority under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below, and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

| | |
|----------------------------|--------------------------|
| <u>28 April 2000</u> | <input type="checkbox"/> |
| (Day/Month/Year Filed) | |
| (Jour/Mois/Année de dépôt) | |
| <u>29 April 1999</u> | <input type="checkbox"/> |
| (Day/Month/Year Filed) | |
| (Jour/Mois/Année de dépôt) | |

Je revendique par le présent acte tout bénéfice, en vertu du Titre 35, § 119(e) du Code des Etats-Unis, de toute demande de brevet provisoire effectuée aux Etats-Unis et figurant ci-dessous.

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

| | |
|--------------------------|----------------------|
| <u>(Application No.)</u> | <u>(Filing Date)</u> |
| (N° de demande) | (Date de dépôt) |

| | |
|--------------------------|----------------------|
| <u>(Application No.)</u> | <u>(Filing Date)</u> |
| (N° de demande) | (Date de dépôt) |

Je revendique par le présent acte tout bénéfice, en vertu du Titre 35, § 120 du Code des Etats-Unis, de toute demande de brevet effectuée aux Etats-Unis, ou en vertu du Titre 35, § 365(c) du même Code, de toute demande internationale PCT désignant les Etats-Unis et figurant ci-dessous et, dans la mesure où l'objet de chacune des revendications de cette demande de brevet n'est pas divulgué dans la demande antérieure américaine ou internationale PCT, en vertu des dispositions du premier paragraphe du Titre 35, § 112 du Code des Etats-Unis, je reconnais devoir divulguer toute information pertinente à la brevetabilité, comme défini dans le Titre 37, § 1.56 du Code fédéral des réglementations, dont j'ai pu disposer entre la date de dépôt de la demande antérieure et la date de dépôt de la demande nationale ou internationale PCT de la présente demande:

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

| | |
|--------------------------|----------------------|
| <u>(Application No.)</u> | <u>(Filing Date)</u> |
| (N° de demande) | (Date de dépôt) |

| |
|---|
| <u>(Status) (patented, pending, abandoned)</u> |
| (Stato) (breveté, en cours d'examen, abandonné) |

| | |
|--------------------------|----------------------|
| <u>(Application No.)</u> | <u>(Filing Date)</u> |
| (N° de demande) | (Date de dépôt) |

| |
|---|
| <u>(Status) (patented, pending, abandoned)</u> |
| (Stato) (breveté, en cours d'examen, abandonné) |

Je déclare par le présent acte que toute déclaration ci-incluse est, à ma connaissance, véridique et que toute déclaration formulée à partir de renseignements ou de suppositions est tenue pour véridique; et de plus, que toutes ces déclarations ont été formulées en sachant que toute fausse déclaration volontaire ou son équivalent est passible d'une amende ou d'une incarcération, ou des deux, en vertu de la Section 1001 du Titre 18 du Code des Etats-Unis, et que de telles déclarations volontairement fausses risquent de compromettre la validité de la demande de brevet ou du brevet délivré à partir de celle-ci.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

French Language Declaration

POUVOIRS: En tant que l'inventeur cité, je désigne par la présente l'(les) avocat(s) et/ou agent(s) suivant(s) pour qu'ils poursuive(nt) la procédure de cette demande de brevet et traite(nt) toute affaire s'y rapportant avec l'Office des brevets et des marques: *(mentionner le nom et le numéro d'enregistrement)*.

Adresser toute correspondance à:

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: *(list name and registration number)*.

Send Correspondence to:

PTO Customer No. 22511

ROSENTHAL & OSHA L.L.P.

700 Louisiana, Suite 4550

Houston, Texas 77002

Adresser tout appel téléphonique à: *(nom et numéro de téléphone)*

Direct Telephone Calls to: *(name and telephone number)*

Jonathan P. Osha (713) 228-8600

| | |
|---|--|
| Nom complet de l'unique ou premier inventeur | Full name of sole or first inventor Stéphane GRELLIER |
| Signature de l'inventeur Date | Inventor's signature Date |
| Domicile | Residence 13 route de Vannes, 45620 Isdes, FRANCE |
| Nationalité | Citizenship French |
| Adresse postale | Post Office Address 13 route de Vannes, 45620 Isdes, FRANCE |
| Nom complet du second co-inventeur, le cas échéant | Full name of second joint inventor, if any |
| Signature du second inventeur Date | Second Inventor's signature Date |
| Domicile | Residence |
| Nationalité | Citizenship |
| Adresse postale | Post Office Address |

(Fournir les mêmes renseignements et la signature de tout co-inventeur supplémentaire.)

(Supply similar information and signature for third and subsequent joint inventors.)